

5 A Healthcare Information System Involving Analyzing
 Orders for Healthcare Treatment or Services

 Abstract Of The Disclosure

10 A system analyzes data including healthcare orders initiating treatment or services
 used in patient healthcare. The system includes a data processor and a message processor.
 The data processor identifies a potential change in use of a particular treatment by examining
 data, representing multiple orders generated over a particular time period, used in treating
 multiple patients to identify a number of orders initiating application of a particular treatment
15 to individual patients of the multiple patients to address a particular medical condition. The
 data processor also determines whether the number of orders exceeds a predetermined
 threshold and/or whether a rate of change in the number of orders relative to a previously
 determined number of orders is significant. The message processor initiates generation of a
 message to alert a message recipient of an identified potential change in use of the particular
20 treatment.